Man Hours Log

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| **USER** | **DATE** | **DESCRIPTION** | **HOURS** |
|  |  |  |  |
| Ethan Madden | 3-18 | Created Github account, repository, and working directory | 1 |
| Ethan Madden | 3-19 | Created database model in Oracle SQL developer | 3 |
| Ethan Madden | 3-21 | Created Access database  Created **library.mdb** | 2 |
| Ethan Madden | 3-21 | Created relationships in Access Database | 1 |
| Ethan Madden | 3-26 | Fixed issues in BOOK table of database  Began working on API pull for books | 2 |
| Ethan Madden | 3-26 | Continued work on database and Amazon API pulls | 1 |
| Tai Gunter | 3-26 | Added C# project to working directory: openLibrary 1.0  Created **frmMain.cs** | 1 |
| Tai Gunter | 3-26 | Added database connections, began work on adding books  Created **databaseHandler.cs** | 2 |
| Ethan Madden | 3-26 | Amazon API successfully pulls data about books | 4 |
| Tai Gunter | 3-26 | Began working on adding books to the database  Created **frmAddBook** | 2 |
| Ethan Madden | 3-26 | Simplified and increased efficiency of Amazon API lookup  Created **lookup.cs** | 2 |
| Ethan Madden | 3-27 | Added functionality to pull more things from Amazon API | .5 |
| Ethan Madden | 3-27 | Added error handling if the ISBN was of an incorrect format | .5 |
| Tai Gunter | 4-1 | Created new working directory for the project: openLibrary 2.0 | .25 |
| Tai Gunter | 4-1 | Continued work to add books to the database | 1.5 |
| Tai Gunter | 4-2 | Added handling to fix apostrophes in the textboxes | 1 |
| Ethan Madden | 4-2 | Added functionality to pull CD information from Amazon API  Created **otherLookup.cs** | 3 |
| Tai Gunter | 4-2 | Added functionality to view the database contents from within the app using DataGridViews  Created **frmViewBook.cs** | 3.5 |
| Ethan Madden | 4-2 | Increased functionality of CD lookup through Amazon API | 1.5 |
| Ethan Madden | 4-3 | Added functionality to look up movies and games through Amazon API | 4 |
| Ethan Madden | 4-3 | Improved functionality of movie and game lookup from Amazon API | 2 |
| Tai Gunter | 4-4 | Attempted to fix issues with DataGridView not refreshing when a new book is added to the database | 3 |
| Tai Gunter | 4-9 | Fixed issue where DataGridView was not refreshing after a new book was added. Added functionality to view games, customers, and employees. Added forms to add employees, customers, music, games, and movies.  Created **frmAddCustomer.cs,**  **frmAddEmployee.cs,**  **frmAddGame.cs,**  **frmAddMovie.cs,**  **frmAddMusic.cs,**  **frmViewGames.cs,**  **frmViewCustomers.cs,**  **frmViewEmployees.cs** | 6 |
| Ethan Madden | 4-10 | Moved functionality to add items into a new menu, as per our client’s request | 1 |
| Ethan Madden | 4-10 | Made changes to the database by adding tables for new media and changing the required tables | 1.5 |
| Ethan Madden | 4-10 | Added functionality to add customers and employees to the database | 2 |
| Tai Gunter | 4-11 | Added instant book search | 2.5 |
| Tai Gunter | 4-11 | Added music preview functionality | 3.5 |
| Ethan Madden | 4-12 | Modified Amazon lookup to pull track information for CDs | 3 |
| Ethan Madden | 4-12 | Added track numbers to the tracks being pulled from Amazon | 2 |
| Ethan Madden | 4-13 | Added support for CDs that have multiple discs | .75 |
| Ethan Madden | 4-13 | Added track information to the main project (from prototype project) | 1 |
| Tai Gunter | 4-13 | Added insert statement to add tracks to the database when scanned | 2.5 |
| Ethan Madden | 4-13 | Modified Amazon lookup to pull star actors for movies scanned into the database | 3 |
| Tai Gunter | 4-13 | Working on getting the tracks to show up when an album is clicked in the DataGridView | 2 |
| Ethan Madden | 4-14 | Actors are now added to the database when a movie is scanned and added | 2.5 |
| Ethan Madden | 4-15 | Fixed relationships within the database now that actors and tracks are being added | .5 |
| Tai Gunter | 4-15 | Tracks now successfully show up in a listbox when an album is clicked in the DataGridView | 2 |
| Ethan Madden | 4-15 | Made a new Amazon lookup call to find the ASID of a track when it is clicked in the listbox, will be used with music preview | 2 |
| Tai Gunter | 4-15 | Music preview is now successfully integrated and functional | 3 |
| Tai Gunter | 4-16 | Added functionality to clock in, clock out, log in, log out, and created checkout interface  Created **frmLogin.cs,**  **frmLogout.cs,**  **frmCurrentlyClocked.cs** | 4 |
| Tai Gunter | 4-17 | Added functionality to checkout and clocking in / clocking out. Time clock information is now stored in the database | 2 |
| Tai Gunter | 4-18 | Worked on checkout and storing this information in the database | 1.5 |
| Tai Gunter | 4-19 | Worked on checkout some more; | 1 |
| Tai Gunter | 4-19 | Ability to renew books added | 1.5 |
| Tai Gunter | 4-20 | Checkout is now fully functional | 2 |
| Ethan Madden | 4-20 | Setup created to make email notifications  Created **mail.cs** | 2 |
| Tai Gunter | 4-21 | Integrating email into the main app (from prototype)  Created **frmOverdueItems.cs** | 2 |
| Ethan Madden | 4-21 | Created prototype for settings file, used to store Amazon API key information  Created **settings.txt** | 2 |
| Ethan Madden | 4-21 | Integrated settings file so that the Amazon API lookup uses the information | 1 |
| Tai Gunter | 4-21 | Began to redo checkout to improve functionality and make it more organized | 1 |
| Tai Gunter | 4-21 | Checkout fully redone, writes to new tables in the database, does not record in the media tables anymore | 2 |
| Tai Gunter | 4-22 | Checkout bugs fixed, Check in works (redesigned), Renew works (redesigned), made changes to time clock setup, overdue items report works completely, settings.txt fully integrated with GUI, email notifications fully integrated, added ability to look up a customer if without their ID number, added music search, added game search, fixed bugs in addMovie, actors are now being added correctly to the database  Created **frmAmazonKeys.cs** | 9 |
| Tai Gunter | 4-22 | Created PowerPoint for presentation  Created **openLibrary.pptx** | 1 |
| Ethan Madden | 4-23 | Fixed a bug in music preview where the program would crash if three songs were selected within 30 seconds of each other | 2 |
| Ethan Madden | 4-23 | Added search functionality for movies | 2 |
| Ethan Madden | 4-24 | Added functionality to delete things from the database through DataGridView via right click | 3.5 |
| Ethan Madden | 4-24 | Began work on edit functionality through DataGridView via right click  Created **frmEditBook.cs** | 2 |
| Tai Gunter | 4-24 | Added functionality to print receipts  Created **frmPrint.cs** | 4 |
| Ethan Madden | 4-25 | Completed edit functionality for books | 2 |
| Ethan Madden | 4-25 | Added edit functionality for music  Created **frmEditMusic.cs** | 1 |
| Ethan Madden | 4-25 | Fixed settings file to no longer ask for email address, also will create the file if it does not exist (bugfix) | 1 |
| Ethan Madden | 4-25 | Added edit functionality for movies  Created **frmEditMovies.cs** | 1 |
| Ethan Madden | 4-25 | Added edit functionality for games  Created **frmEditGames.cs** | 1 |
| Tai Gunter | 4-26 | Added “about” page  Added bug reporting feature  Created **frmAbout.cs**  Created **frmBugReport.cs** | 3 |
| Ethan Madden | 4-26 | Added validation to make sure that only employees that are in the database can clock in. | 1 |
| Ethan Madden | 4-26 | Added availability Boolean to media items | 2 |
| Ethan Madden | 4-26 | View media menus now show things in a better order and show if the item is available to be checked out. | 2 |
| Ethan Madden | 4-27 | Added validation to make sure items must be checked in before they can be checked out | 1 |
| Tai Gunter | 4-27 | Changed available column to mark new items as available when they are added to the database  Small bugfix in viewMusic | 1 |
| Tai Gunter | 4-27 | You can now find an item in the database if you don’t know what the UPC/ISBN is.  Created **frmFindMedia.cs** | 2.5 |
| Tai Gunter | 4-27 | Implemented searching for customers and employees by name or card code | 1.5 |